



CITY OF ATLANTA

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Kasim Reed
Mayor

DEPARTMENT OF PROCUREMENT

Adam L. Smith, Esq., CPPO, CPPB

Chief Procurement Officer

asmith@atlantaga.gov

April 25, 2012

Re: FC-5870, Operation Shield Video Surveillance Program

Dear Potential Proponents:

Attached is one (1) copy of **Addendum No. 1**, which is hereby made a part of the above-referenced project.

For additional information, please contact Mr. Keith O. Brooks, at (404) 865-8650, or by email at kbrooks@atlantaga.gov.

Sincerely,

Adam L. Smith

ALS/KOB/pw

Attachment

cc: Ms. Beverly Brookins (w/att)
Mr. Darryl Merritt (w/att)

FC-5870, Operation Shield Video Surveillance Program

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ADDENDUM NO. 1

This Addendum No. 1 forms a part of the Request for Proposals and modifies the original solicitation package as noted below and is issued to incorporate the following:

Part I

Responses to Questions

Part II

Extends Proposal Due Date to May 8, 2012

The final day for questions was April 20, 2012. All questions submitted after the due date are subject to no response.

Addendum No. 1 for FC-5870, Operation Shield Video Surveillance Program is available for pick-up in the Plan Room: City Hall, 55 Trinity Avenue, Suite 1900.

Proposals are due on Tuesday, May 8, 2012 and should be time stamped in no later than 1:59 p.m. and delivered to the address listed below:

Adam L. Smith, Esq., CPPO, CPPB
Chief Procurement Officer
Department of Procurement
55 Trinity Avenue, S. W.
City Hall South, Suite 1900
Atlanta, Georgia 30303

**** All other pertinent information is to remain unchanged****

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Acknowledgment of Addendum No. 1

Proponents must sign below and return this form with your proposal to the Department of Procurement, 55 Trinity Avenue, City Hall South, Suite 1900, Atlanta, Georgia 30303, as acknowledgment of receipt of this Addendum.

This is to acknowledge receipt of **Addendum No. 1**, FC-5870, Operation Shield Video Surveillance Program on this the _____ day of _____, 2012.

Legal Company Name of Proponent

Signature of Authorized Representative

Printed Name

Title

Date

QUESTIONS AND RESPONSES

1) We believe that extending the question and response deadlines will result in more refined solutions and lower costs. Please let us know if this is possible.

A. May 8, 2012 at noon will be the extension deadline for the proposal.

2a) Once Procurement confirms our bid is compliant; can we present an overview to the committee to help speed and deepen your understanding of our solution?

A. If your Proposal is the selected among the final three proposals, you will then be given the opportunity to expound on your design.

2b) Who is on the committee?

A. The committee consists of City's of Atlanta resources.

3a) Is the lowest cost wireless network desired, or are added reliability & zone coverage enhancements preferred?

A. Please refer to the Evaluation Criteria in Section 12.

3b) Is the wireless network desired to be large enough to carry all connections from the cams to the precinct, or would lower-cost hybrid-approaches be preferred, utilizing ISP partnerships or other connection methods for some of the outlying cameras to save on repeater sites?

A. Yes

3c) What city-network, fiber, facilities, other capabilities and/or partnerships are available to connect to the cameras?

A. The City of Atlanta DIT / APD is not in procession of any maps detailing the Fiber Ownership, strand and locations within designated areas of planned Mesh Integration.

3d) Are there other strategic hot-zones where repeater locations are preferred to be located to result in more usable zone coverage?

A. If the Proponent's Design requires as a result to meet the Project Goals and Objectives Proponent should indicated and provide Addresses and/or Location

3e) Is it desired that each camera have redundant paths into the wireless network?

A. YES

3e) Is it desired that each Precinct have redundant paths into the wireless network?

A. YES

4a) Please clarify the scope of system integration services that Proponent -vs- City -vs- Ciber will be responsible for (per Part2, p5, Sec2: "Objectives").

A. The Proponent will work with City of Atlanta Program Management Team, City Network Team and Third Party Vendors including CIBER to coordinate the implementation of video management system installation, DVR/NVR server, PSIM client, security services and network services within the Zones and network backhaul to the Video Integration Center. The Proponent as the System Integrator is accountable for (1) zone technology operations (wireless mesh design, camera installation, wireless mesh to mini-video integration/Command Center are fully operational and meet technical specifications, i.e. bandwidth, noise environment, redundancy, mobility, and video images within the zone, etc.) and (2) throughput backhaul from the zones precincts to the Video Integration Center and (3) the zone video integration to the VIC using the PSIM solution to display video from each zone on the VIC video wall.

4b) Please confirm that the City is providing the precinct servers & client PCs, clarifying how many servers, PCs, and their hardware/software specifications.

A. Yes / One

(1) Server Per location

**Dual Core Tower CPU Network Video Recorder Server (NVR) / Workstation
Windows 7 / (ONSSI Base Server Software Licenses OC-CS)
300GB Hard Drive dual Core / 16X DVD+/- RW
Dual 10/100/1000 NIC cards
512MB / 4DVI quad monitors Video Card
2TB SDRAM 15 days recording storage for CCTV Network
3 yr warranty equipment service support.
Two (2) 20" widescreen CRT Monitors.**

4c) Please clarify the average participants per training session, number of sessions, over what time period, on what topics, with what scope (IE: OnSsi &/or Ciber GUIs).

A. Members of APD Teams (VOC Operation / EMU / Zone Command) referring the MESH Integration, Cameras Operation-NVR Functions, and Infrastructure Hardware support.

5) Our engineering and development team would like to investigate the possibility of being granted a two week extension on the RFP due date?

A. The City has extended the Proposal deadline to May 8, 2012.

6) A second question, from our proposal team, addresses the requirement for double spacing on page 10. Will single spacing be acceptable in order to reduce the volume size of our proposal?

A. Double spacing is required.

Additionally, all required Forms must be included in Volume II, behind a Tab labeled, "Forms." All your Financial Information must be included in Volume II and clearly tabbed.

7) I have a question about the mandatory site visits which are a part of procurement FC-5870 this week (Wed., April 18 and Thurs., April 19th). IBM has people working to coordinate travel into town to participate in these functions, can you please advise if there is a time period each date you envision for this process to start and end? Is transportation going to be provided by the City of Atlanta, or do prospective respondents need to be able to travel to each location that is part of the site visit process?

A. YES

8) Lastly, IBM would also like to formally request an extension to the due date of this procurement, as there is little time to develop and submit a fixed-price response which is dependent upon the site visit process, given a due date of May 1, 2012. Thank you.

A. YES, May 8, 2012 is the extension deadline.

9) Will the agency allow members (subcontractors) of a Joint Venture to meet the qualifications of the RFP? Example: If on the JV team there is a certified OnSSi company, but they are not the prime bidder. Can the team meet the qualifications, based on a subcontractor's reference or certification.

A. YES / Select Proponent is required to have on staff, either through the Prime and/or Sub-vendor of the required Technical Scope Integration certification. Certification must be accompanied with Bid response.

10) Will the agency provide an escalation plan for each of the precinct facilities (zones)?

A. NO

11) Will the agency provide a listing of the attendees on the site surveys (Wednesday and Friday)?

A. It will be posted on the City's website.

12) Can the City provide a map of the existing fiber network?

A. The City of Atlanta DIT / APD is not in possession of any maps detailing the Fiber Ownership, strand and locations within designated areas of planned Mesh Integration.

13) Please provide the technical specifications for the NVR to be located at the zones.

**A. Dual Core Tower CPU Network Video Recorder Server (NVR) / Workstation
Windows 7 / (ONSSI Base Server Software Licenses OC-CS)
300GB Hard Drive dual Core / 16X DVD+/- RW
Dual 10/100/1000 NIC cards
512MB / 4DVI quad monitors Video Card
2TB SDRAM 15 days recording storage for CCTV Network
Two (2) 20" widescreen CRT Monitors**

14) I'm under the impression that the Proponent purchases the Camera Kits (COA-PPOD-KIT for example) and the Outdoor NEMA Enclosure Kit (PWRBX-KIT). Is this correct?

A. YES

15) I'm also under the impression that the City will purchase and provide the pre-assembled indoor rack assembly enclosures (COA-IDF-KIT). Is this correct?

A. No, Proponent is required to procure and install unit Kit.

16) Can the deadline for questions be extended as the design portion of this project will require answers to numerous questions?

A. No

17) Can the deadline for submission of a response to the RFP be extended to allow adequate time for system design?

A. YES, May 8, 2012.

18) It was indicated in the site survey that AC power would be provided at each camera location. I am unable to locate in the RFP where that is noted. Please provide verification that AC power will be provided at each camera, mesh node, and precinct location.

A. YES, power will be supplied by City of Atlanta at each pole location.

19) If AC power is to be provided by others at each camera, mesh node, and precinct will that power be 120VAC and provided as an outlet or some other form?

A. YES

20) Will this project require Davis Bacon wages?

A. NO

21) Who will determine the required camera view angles? This is needed to determine whether to provide PTZ or fixed cameras.

A. Scope Document includes selected Intersection for PZT integration of the CCTV Network.

22) Will the site visits on the 18th determine 1 above?

A. YES

23) Is the required 30fps per camera for viewing and recording?

A. Not Applicable to the MESH Design

24) How many days of recording should the NVR accommodate?

A. Not Applicable to MESH Design

QoS requirements 4.2.1-E-g Note: Telnet access is required. Telnet is highly insecure thus a potential hacking threat. Its use is discouraged especially for public safety systems

25) Are in vehicle cameras required? (Mobility requirements 4.2.1 H)

A. NO

26) What are the requirements for the in vehicle video clients?

A. NONE

- a. The mesh nodes shall support high-resolution, evidence-grade video from moving vehicles.**

27) Please expound on the "evidence grade video from moving vehicles" requirement?

- A. The mesh nodes shall support the automatic and instantaneous connection and reconnection of mesh nodes to the network so that it instantly associates with the mesh network as it travels within range of another static or mobile mesh node. City of Atlanta may activate the MESH Topology to support the accessibility of the CCTV network within the Zone's Vehicles.**

28) Will the city extend the question deadline?

A. No

29) Will the city extend the due date?

A. Yes, May 8, 2012.

30) In Volume I, Section 3, On page 1 under Qualifications, the city requires a minimum of 15 years in business. Will the city give the same consideration to a prime that has over 10 years in business with sales in excess of \$200M as an older prime?

A. YES, the requirement has been changed to minimum of 5 years of experience in wireless mesh.

31) Does the SBE include a preference for 8a business?

A. The City of Atlanta SBE program does not include a "preference" for 8a businesses. However, a firm that holds a current US Small Business Administration 8a certification is eligible to complete the City's SBE Application "B" in lieu of the regular COA SBE Application "A". The SBE Application "B" further shortens the City's already simple SBE certification process.

32) Will the city make available a map of the fiber infrastructure?

A. The City of Atlanta DIT / APD is not in possession of any maps detailing the Fiber Ownership, strand and locations within designated areas of planned Mesh Integration.

33) Is the city expecting the wireless mesh infrastructure to be a completely wireless solution?

A. The City of Atlanta expects the Proponent to provide the best design to completed the Project Objectives and Goal.

34) Does every camera need a secondary or redundant path?

A. YES

35) Does the kit at the AP also contain the Fire Tide Radio Access Node? Can we know what capabilities or model is included?

A. Yes, each kit contains the Fire Tide 7010 MIMO capable Mesh Node.

36) Does the City have existing Network Management Software, Mobility Controller, and WLAN Controller installed on servers with enough capacity to support additional Mesh Nodes for Zone 1, 3, 4, 6 design?

A. No, the city does not have HotView Pro Server to support Mesh Nodes for Zones 1, 3, 4, 6. It will need to be provided for each zone.

37) Can the city grant an extension? Given the number of sites, how spread out they are, it is almost impossible to design a cost effective mesh network in 3-4 days, while awaiting answers to questions that impact the design.

A. YES, the City has extended the Proposal Deadline to May 8, 2012 at noon.

38) Does the city have towers that can be used? If so, can we get GPS coordinates?

A. NO

39) Can the city provide any AT&T fiber locations that can be used as connectivity points in all zones? Other than the Zone precincts of course.

A. The City of Atlanta DIT / APD is not in procession of any maps detailing the AT&T Fiber locations or strands within designated areas of planned Mesh Integration.

40) Will the city provide electric at all sites? Including repeater sites?

A. YES

41) Can traffic signals be used as repeater sites?

A. YES

42) Are there any other assets that can be used for backhaul such as tall buildings, etc.?

A. NO

43) What are the minimum resolution, minimum frame rate, and/or target bandwidth for each live video stream?

A. H264/ 30 fps / 5Mbps

44) What are the minimum resolution, minimum frame rate, and/or target bandwidth for each recorded video stream?

A. H264/ 30 fps / 5Mbps

45) Who will be controlling (i.e. PTZ) the cameras? Are there any specific PTZ requirements (i.e. ability to follow a person or car)?

A. Zone Command and VIC Operation / Camera requirements are provided through published P/N

46) Is there a maximum latency for the video system to assist with PTZ control?

A. The mesh nodes shall support low latency of the order of 1.5 msec per hop on an average and maximum of 2 msec per hop.

47) Who configures the OnSSI NVR at the precinct? If the System Integrator is to configure/install the OnSSI NVR, what are the requirements?

A. The system integration services will include working with the City of Atlanta Program Management Team, City Network Team and CIBER who will be coordinating the implementation of VMS, and DVR/NVR server:

A. Duty cycle for recording (100% would be 24/7 recording)

YES

B. Minimum days or minimum storage required. (i.e. 30 days or 2 TB)

Not Applicable to Mesh Integration and Installation

C. Data redundancy or RAID requirements

Not Applicable to Mesh Integration and Installation

C. Encryption Requirements

Not Applicable to Mesh Integration and Installation

D. Metadata or watermarking requirements

Not Applicable to Mesh Integration and Installation

E. Are there any requirements to be able to cut video to media (i.e. DVDs) and are there any specific requirements for this (i.e. for court)?

NO

F. Are there any requirements for long term storage?

NO

- G. Is there available rack space, power, HVAC, and access to the backhaul network at the location?

YES, not Applicable to Mesh Integration and Installation

- H. Who would be responsible for any changes to the PSIM to support control?

The System Integrator will work in the confines of the Program Team.

- 48) Is there central storage for incidents and is it part of the project?

A. NO

- 49) Would this be located at the VIC?

A. Not Applicable to Mesh Integration and Installation

- 50) How does the City wish to transfer video from the precincts to Central storage (would it be continuously or only for specific incidents)?

A. Not Applicable to Mesh Integration and Installation

- 51) For Central Storage, we have the same questions as for the precinct requirements:

1. Duty cycle for recording (100% would be 24/7 recording)
2. Minimum days or minimum storage required. (i.e. 30 days or 2 TB)
3. Data redundancy or RAID requirements
4. Encryption Requirements
5. Metadata or watermarking requirements
6. Are there any requirements to be able to cut video to media (i.e. DVDs) and are there any specific requirements for this (i.e. for court)?
7. Are there any requirements for long term storage?
8. Is there available rack space, power, HVAC, and access to the backhaul network at the location?
9. Would the 17 existing Vicon cameras also need to be recorded?
10. Who would be responsible for any changes to the PSIM to support control?

A. Not Applicable to Mesh Integration and Installation for (1 – 10)

- 52) If AT&T has fiber to one of the camera locations, can we utilize this fiber for this project? If so, will the city assume the initial and on-going cost for the utilization of this fiber?

A. NO

- 53) Can a Microwave Link be utilized instead of Fiber to locations where fiber is not currently available?

A. Proponent is free to design MESH Topogly to greatly ensure the Project Objectives and Goals

54) Can a two week extension be granted?

A. NO, the extension has been granted until May 8, 2012.

55) Given the time required to develop a proper network design that will serve as the infrastructure Foundation for Operation Shield, coupled with the City's desire for a Fixed Price proposal, will the City
Please consider extending the response due date to May 18, 2012?

A. No, the City has extended the proposal deadline to May 8, 2012.

56) Will the City entertain the proponent presenting "budget and planning" pricing for the response rather?
Than "fixed price"?

A. No

57) Will the City provide locations of existing and planned fiber to be used for the proposed solution?

A. The City of Atlanta DIT / APD is not in procession of any maps detailing the Fiber Ownership, strand and locations within designated areas of planned Mesh Integration

58) What is the proposed schedule for establishing fiber connectivity at Zone precincts?

A. JULY 2012

59) Will the City provide contact information for AT&T or other fiber resources already engaged with the proposed project?

A. YES

60) Will the City ensure the structural integrity of poles designated for camera and equipment mounting?
Locations?

A. YES

61) Are there any restrictions in adding height extensions (i.e. masts) to designated mounting poles?

A. YES, a list from Public Works will be provide upon selection

62) Can antennas be mounted on the traffic signal arms?

A. YES

63) Will the City be responsible for providing extension arms if required?

A. NO

64) Is the City open to using other landmarks for uplink locations (i.e. high building, tower)? If so, will the City assist in obtaining power for these nodes?

A. NO, we do have building; Yes, the City will assist.

65) Would the City facilitate agreements to use said landmarks?

A. If City of Atlanta and/or Private Facilities within the planned Zone MESH integration area, is applicable and the Proponent includes structure(s) in the design, DIT / APD will seek to extended the rights or agreement to place support hardware or equipment.

66) Will Atlanta PD provide police security for proponents for site surveys performed as part of the bid Process (prior to proposal due date)?

A. YES

67) Will Atlanta PD provide police security for site surveys performed after contract signing, and during installation and network tuning operations?

A. YES

68) Can surveys and installation be conducted during normal business hours?

A. YES

69) Will there be any restrictions on lane closures or access to precinct facilities?

A. Permits are required by Department of Public Works.

70) Are spare cameras and kits to be considered in proponent's response?

A. YES

71) What is the expected percentage of cameras and kits that should be set aside as spares?

A. 10%

72) Since it may be necessary to establish additional wireless "hops" or nodes, power would be needed at these additional pole locations. Will the City provide power to additional poles that may include node (wireless radio) locations that were not specified in the RFP?

A. YES

73) Have any other agencies/entities using 4.9 frequencies within the City been identified?

A. NO, list will be provided upon Selection

74) Has a spectrum study been conducted on the proposed camera/radio and paths?

If yes, can the results be provided to the proponents?

A. Not available

75) Please clarify the responsibilities of the selected proponent with regards to CIBER Secure PSIM.

A. Proponent will work with CIBER as part of the Program Team to fulfill the Program Goals and Objectives.

76) Please clarify what video management system and Firetide administrative capabilities the City is expecting at the precinct locations.

A. Each Zone's NVR should be supportive one FT Hotview client for local management.

77) Is a Firetide Hotview Pro server instance required at each precinct?

A. NO, the City's request to have the Server integrated into the VIC Operation with supportive Licenses for all nodes within the Zones

78) Please clarify what is meant by the statement in Exhibit A (page 8) "the design assumes a direct or Aerial path to the Zone precinct buildings"

A. If Zone's MESH CCTV Network connection equipment is not located or attached to Facility, Proponent must supplied all labor, material and Permit(s) for Aerial and/or Buried installation.

79) What are the City's expectations with regards to post implementation support?

A. Ongoing Maintenance of equipment / installation and integration (please see section 10.7)

80) Does the SBE include a preference for 8a business?

A. The City of Atlanta SBE program does not include a "preference" for 8a businesses. However, a firm the holds a current US Small Business Administration 8a certification is eligible to complete the City's SBE Application "B" in lieu of the regular COA SBE Application "A". The SBE Application "B" further shortens the City's already simple SBE certification process.